Tim Adams - Bio

Tim Adams is a Senior Engineer in the Technical Performance and Integration Division with the NASA John F. Kennedy Space Center's (KSC) Engineering and Technology Directorate. Tim serves as a technical resource in engineering assurance with a specialty in quantitative Reliability Engineering and Technical Risk—and he serves as the Technical Editor for the "KSC Reliability" web site.

At NASA, Tim has over 22 years of experience in Reliability Engineering and related engineering assurance disciplines. At Johnson Space Center (JSC), he was a Flight Systems Safety Engineer, Reliability Engineer, and Lead of the Office of Safety, Reliability, and Quality Assurance's Analysis and Assessment Methodology Group.

Tim came to NASA after the Challenger accident to serve in JSC's Mission Operations Directorate (formerly, Mission Control) as a specialist to analyze and improve the design, delivery, and evaluation of the technical training provided to flight crews (astronauts) and flight controllers. Later, Tim served as JSC's technical lead and Agency point-of-contact on the development of program and project managers and program control analysts.

For the American Society for Quality (ASQ), Tim is a senior member, a Certified Reliability Engineer (CRE), a member of the ASQ team that reviewed the CRE exam in year 2014, and presented "Metrics for Management" at the 2015 ASQ World Conference.

In Reliability and Risk, Tim received NASA's Exceptional Achievement Medal, Exceptional Engineering Achievement Medal, KSC's Office of the Chief Engineer Employee of the Year Award, JSC's Commendation Award, and the Silver Snoopy Award.

In Management, he received JSC's Superior Achievement Award and was recognized by a local newspaper as a "management troubleshooter" for the City of Bryan, Bryan, Texas.

In Education, he received from the University of Oklahoma, College of Education the "75 Who Made a Difference" award, a hall of fame for 75 of 18,000 graduates in 75 years for providing excellence in Education.

Tim's formal education is in Mathematics, Education, and Management. As an undergraduate student, he was a co-op student in Mechanical Engineering with a manufacturer of computerized-machine tools. As a graduate student, he served in the Teacher Corps Program for two years designing, demonstrating, and evaluating the competency-based education philosophy and method in Mathematics. His work in graduate-level Mathematics earned him membership into Pi Mu Epsilon, a national honorary in Mathematics.

In addition, Tim received Trine University's Distinguished Service and Outstanding Achievement Awards and Sidney City Schools' Hall of Honor Award.

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